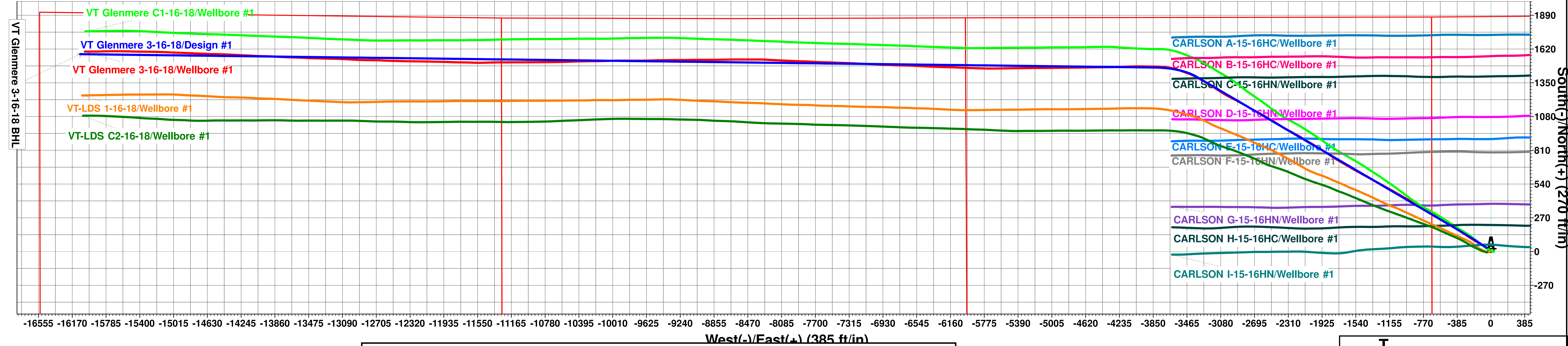




Extraction Oil & Gas  
Project: Weld County, CO (NAD83)  
Site: Vetting PAD (Sec 15-T5N-R65W)  
Well: VT Glenmere 3-16-18  
Wellbore: Wellbore #1  
Plan: Design #1 (VT Glenmere 3-16-18/Wellbore #1)  
Patterson #901

Planned Section Details										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	
1	1517.00	9.81	296.78	1514.08	29.32	-48.24	0.00	0.00	50.87	
2	2939.98	38.23	292.33	2800.62	255.90	-574.60	2.00	-5.78	596.85	
3	7803.52	38.23	292.33	6621.10	1399.39	-3358.56	0.00	0.00	3479.23	
4	8352.90	90.00	270.50	6855.08	1472.02	-3826.92	10.00	-27.02	3952.46	
5	20606.88	90.00	270.50	6855.08	1578.96	-16080.44	0.00	0.00	16157.77	



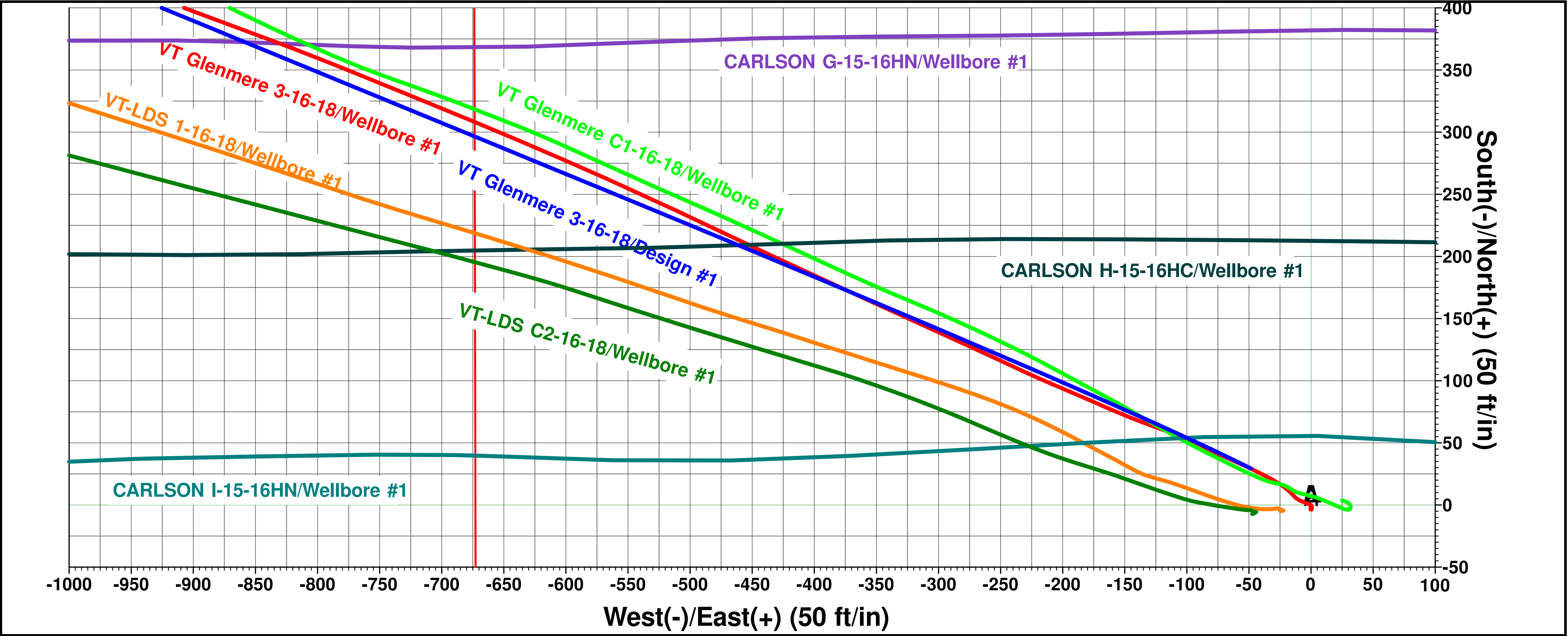
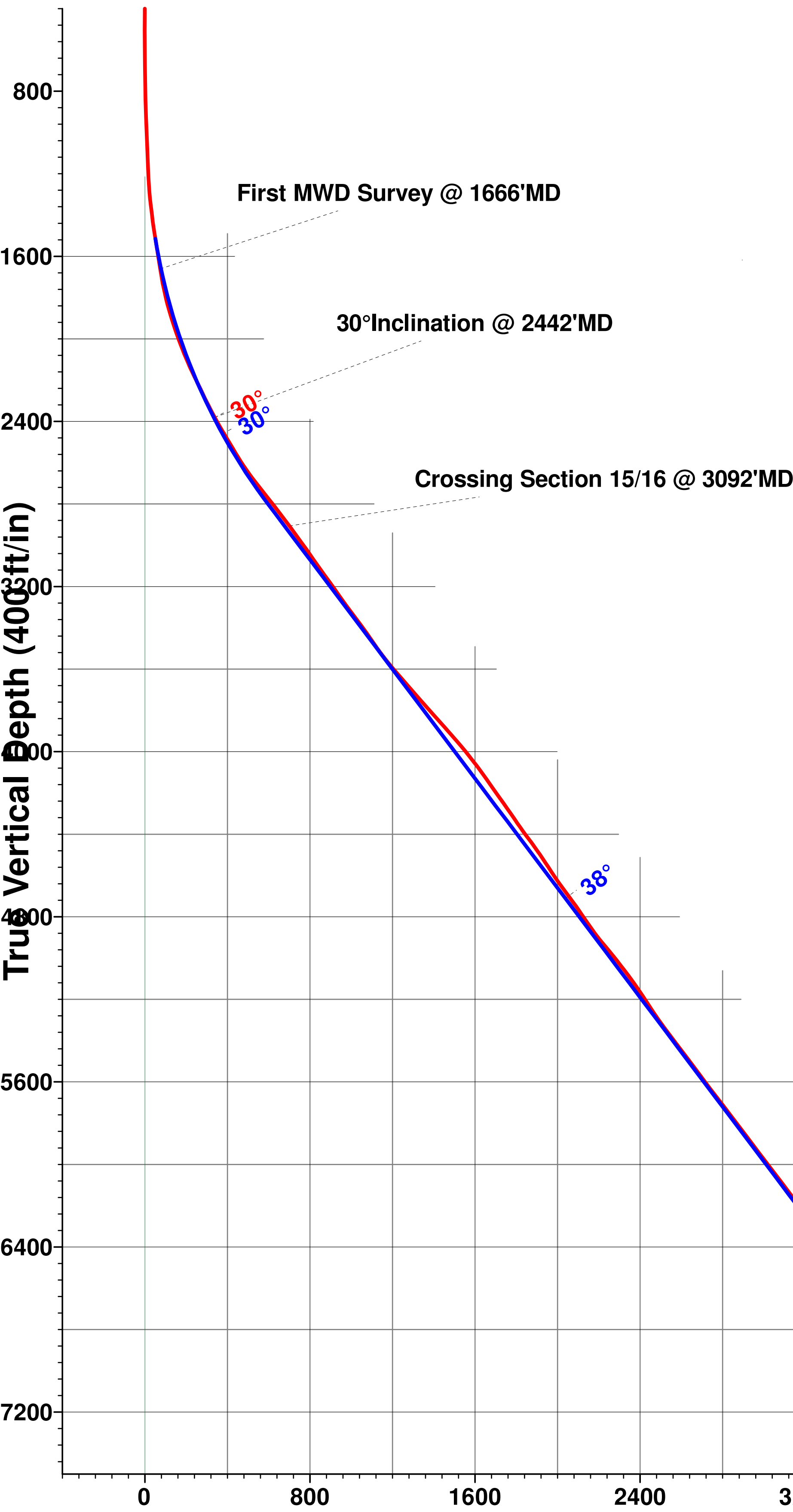
WELL DETAILS: VT Glenmere 3-16-18

Ground Elevation:: 4647.00  
RKB Elevation: KB=29 @ 4676.00ft (Patterson #901)  
Rig Name: Patterson #901

Northing	Easting	Latitude	Longitude
1390162.31	3234926.47	40.401330	-104.656460

PROJECT DETAILS: Weld County, CO (NAD83)  
Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Colorado Northern Zone  
System Datum: Ground Level  
Local North: True

Compass rose showing True North (T) and Magnetic North (M).  
Azimuths to True North  
Magnetic North: 8.10°  
Magnetic Field  
Strength: 52248.8snT  
Dip Angle: 66.88°  
Date: 6/26/2018  
Model: HDGM



Vertical Section at 275.61° (400 ft/in)